

Appl. No. 09/533,798
Amdt. dated October 28, 2005
Substitute Amendment under 37 CFR 1.116 Expedited
Procedure Examining Group 1648

PATENT

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-8 (Canceled)

9. (Currently amended) ~~A vaccine composition comprising~~ The method according to claim 12, wherein said immunizing is with a non-human, mammalian 5T4 antigen as an immunizing agent, and a pharmaceutically acceptable carrier.

10. (Currently amended) ~~The vaccine composition method according to claim 9, wherein said agent further comprising comprises~~ one or more adjuvants.

11. (Currently amended) ~~The vaccine composition method according to claim 9, wherein the non-human, mammalian 5T4 antigen is [[a]] modified to differ from a naturally occurring mammalian 5T4 antigen, and comprises comprising~~ a peptide epitope of a mammalian 5T4 antigen, and wherein said the modified 5T4 antigen induces a CTL response.

12. (Currently amended) ~~A method for eliciting an anti-tumor immunotherapeutic response to a tumor in a subject, comprising immunizing the subject with a mammalian 5T4 antigen, wherein the 5T4 antigen induces an anti-tumor immunotherapeutic response to a tumor in the subject.~~

13. (Canceled)

14. (Currently amended) ~~The method according to claim 12, wherein the 5T4 antigen is [[a]] modified to differ from a naturally occurring mammalian 5T4 antigen and comprises comprising~~ an HLA CTL peptide epitope of a mammalian 5T4 antigen, and wherein said anti-tumor immunotherapeutic response comprises a CTL response.

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15. (Canceled)

16. (Previously presented) The method according to claim 12, wherein the anti-tumor immunotherapeutic response comprises an antibody response.

17-45. (Canceled)

46. (Currently amended) ~~An anti-tumor immunotherapeutic vaccine composition, comprising~~ The method according to claim 12, wherein said immunizing is with a modified 5T4 antigen modified to differ from a naturally occurring mammalian 5T4 antigen and a pharmaceutically acceptable carrier, wherein said the modified 5T4 antigen comprises an HLA CTL peptide epitope of unmodified a mammalian 5T4 antigen.

47. (Currently amended) ~~The vaccine composition method~~ according to claim 46, wherein said ~~modified~~ naturally occurring mammalian 5T4 antigen is a human modified 5T4 antigen.

48. (Currently amended) ~~The vaccine composition method~~ according to ~~claim 9~~ claim 12, wherein said ~~non-human 5T4 antigen is~~ immunizing is with a murine 5T4 antigen.

49. (Currently amended) ~~The vaccine composition method~~ according to ~~claim 9~~ claim 12, wherein said ~~non-human 5T4 antigen is~~ immunizing is with a canine 5T4 antigen.

50-51. (Canceled)

52. (Currently amended) The method according to claim 12, wherein the 5T4 antigen is ~~[[a]]~~ modified to differ from a naturally occurring mammalian 5T4 antigen.

53. (New) The method of claim 12, wherein said immunizing is with a human 5T4 antigen.